IN THE SPECIFICATION:

Please amend the subject specification as follows:

Please insert the attached Sequence Listing at the end of the subject specification.

At pages 30-35, please delete Tables 1-6 and 8-9 and substitute therefor:

7-Table 1: Sequences and activities of lib1 A clones selected on 10 μ g ampicillin/ml at 37°C

	at 37 C			
Clones	\ .	Inserted sequence		Kcat (s ⁻¹) ^a
FdBla	Val ₁₀₃	Glu ₁₀₄ Tyr ₁₀₅	Ser ₁₀₆	ND
Lib1A-01	4	Val Ser		29
Lib1A-02		Leu His Ser		16
Lib1A-03		Lys Ala Gly Ser Asp Gly (SEQ ID NO: 1)		70
Lib1A-04	\ \ \ \	Gly Gly Pro Arg Ser Trp (SEQ ID NO: 2)		15
Lib1A-05		Lys Asn Cys Gly Lys Cys (SEQ ID NO: 3)		12
Lib1A-06		Asp Val Pro Gly Ala Gly (SEQ ID NO: 4)		47
Lib1A-07		Lys Ser Gly Glu His Ser (SEQ ID NO: 5)		145
Lib1A-08		Pro Gly Gly		74
Lib1A-09		Arg Ala Gly Asn His Ser (SEQ ID NO: 6)		265
Lib1A-10		Asp Pro Pro Gly Tyr Gly (SEQ ID NO: 7)		9

^a kcats from phages produced at 23°C (PenG)

ND: not done

Sequences and activities of lib1C₄ clones Table 2

Table 2:	Sequences and	Inserted sequence	<u> </u>	Kcat (s ⁻¹) ^a
Clones		Glu ₁₀₄ Tyr ₁₀₅	Ser ₁₀₆	ND
FdBla	Val ₁₀₃	\	307106	159
LibC4-11	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Arg Phe Gly Asn		
Die C		Asp Trp		
		(SEQ ID NO: 8)	 	ND
LibC4-12		Trp Trp		ND
LibC4-13		Arg Ser His Trp		NB
		(SEQ ID NO: 9)	 	ND
LibC4-14		Gln Trp		ND
LibC4-15		Asp Gln Met Gly		ND
LIOC 1 15		Gly Gly		
		(SEQ ID NO: 10)		64
LibC4-16	\	Arg Ala Gly Ser		0.
		Thr Trp (SEQ ID NO: 11)		
		Lys Gly Gly Leu		721
LibC4-17		Glu Ser		
1		(SEQ ID NO: 12)		
		Ser Asn		ND
LibC4-18		Glu Gly		ND
LibC4-19		220C (ParC)		

a kcats from phages produced at 23°C (PenG);
ND: not done

Table 3: \setminus Sequences and activities of lib1D₂ clones

Table 5.	Soquenees and t	etivities of nord,	7101100	
Clones		Inserted sequence		Kcat (s ⁻¹) ^a
FdBla	Leu ₁₀₂	Val ₁₀₃ Glu ₁₀₄	Ser ₁₀₆	ND
		Tyr ₁₀₅		
Lib1D2-02		Val Gly Gly		ND
Lib1D2-03		Val Thr Tyr		ND
Lib1D2-04	\	Gly Thr Trp		ND
Lib1D2-05		Leu Pro Asn Leu		224
'	\ \ \ \	Asp Thr		
		(SEQ ID NO: 13)		
Lib1D2-06		Ile Ser Trp		ND
Lib1D2-07		Asn Arg Ser Gly		2506
	\	Ser Trp		
	\	(SEQ ID NO: 14)		1
Lib1D2-08		Asp Val Ser Gly		337
	· ·	Gly His		
	, i	(SEQ ID NO: 15)		
Lib1D2-09	,	Leu His Ser Gly Gly		ND
		Trp		
		(\$EQ ID NO: 16)		
Lib1D2-10		Ser Arg Ala Gly		ND
		Gly Tyr		
		(SEQ ID NO: 17)		

akcats from phages produced at 23°C (PenG)

ND: not done

Table 4: Sequences and activities of several clones from the lib3d library picked from among the 3% most active ones

Clones	Tom among th	Inserted sequence		Kcat (s ⁻¹) ^a
FdBla	Ala ₂₇₀	Thr ₂₇₁ Met ₂₇₂	Asp 273 Glu 274 Arg	ND
Lib3-01		Ser Met	275	1133
Lib3-02		Ala Thr Thr		203
Lib3-03		Thr Ala Lys Met		127
		Asp		
		(SEQ ID NO: 18)		
Lib3-04		Pro Thr Val Ser Met		92
		(SEQ ID NO: 19)		
Lib3-05	\ \	Arg Gln Ser Thr		48
Lios os		Met		
		(SEQ ID NO: 20)		
Lib3-06		Asp Arg Ala		1.1
Lib3-07		Gly Arg Thr Thr		44
		Met		
		(SEQ ID NO: 21)	<u> </u>	1.10
Lib3-08		Ser Asp Gln Pro Leu	Leu	140
		(SEQ IQ NO: 22)		
Lib3-09		His Thr Ala Ser Met		137
Bios os		(SEQ ID NO: 23)		
Lib3-10		Asn Gly		278
Lib3-11		Lys Ser Val Gly		ND
		Leu		
		(SEQ ID NO: 24)		
Lib3-12		Ala Asn Ile Ser Leu		ND
T '02 12		(SEQ ID NO: 25)		NID
Lib3-13		<u> </u>		ND
Lib3-14		Pro Val Ala Pro Ile (SEQ ID NO: 26)	\	ND
Lib3-15		Arg Pro Thr Thr	 \	ND
L103-13		Leu		110
L		(SEQ ID NO: 27)		
Lib3-16		Pro Asn Ala Asn		ND
		Met		
		(SEQ ID NO: 28)		1.55
Lib3-17		Ala Thr Thr		ND

^a kcats from phages produced at 23°C (PenG)

ND: not done

Table 5

Sequences and activities of lib3f clones selected on 10 μg ampicillin/ml at 37°C

Clones		Inserted sequence		Kcat (s ⁻¹) ^a
FdBla	Ala ₂₇₀	Thr ₂₇₁	Met ₂₇₂ Asp ₂₇₃ Glu ₂₇₄ Arg ₂₇₅ (SEQ ID NO.: 40)	ND
Lib3-18		Ala Thr Ser Phe Ala Phe (SEQ ID NO: 29)		208
Lib3-19		Arg Arg Lys Gln Pro Thr (SEQ ID NO: 30)		32
Lib3-20		Thr Ala His Val Ala Ser (SEQ ID NO: 31)		99
Lib3-21		Thr Asn Lys Gln Pro Ser (SEQ ID NO: 32)		73
Lib3-22	\	Lys Ser Tyr Thr Pro Glu (SEQ ID NO: 33)	Gln	85
Lib3-23		Lys Trp Asn Tyr Thr Thr (SEQ ID NO: 34)		ND
Lib3-24		Gly Glu His Glu Ala\Gly (SEQ ID NO: 35)		114
Lib3-25		Glu Glu Asn Gly Arg Pro (SEQ ID NO: 36)	Gln	100
Lib3-26		Gln Leu Gln Val Pro Pro (SEQ ID NO: 37)		186
Lib3-28		Ala Pro Gly Asn Asp Gly (SEQ ID NO: 38)		64
Lib3-29		Ala Gly Ala Thr Tyr Glu (SEQ ID NO: 39)		111

^{*}kcats from phages produced at 23°C (PenG); ND: not done

as a self

Table 6: Sequences and activities of rec1 clones selected on 10 µg ampicillin/ml at 37°C

Clones			Inse	Inserted Sequence	,			Kcar(s·¹)ª
FdBla	Leu ₁₀₂	Valus Glund Tyrins	Serine	, ,	Alano	Thr ₂₇₁	Met,,,	ND
Rec1-01		Glu Arg Ser Gly His Trp (SEQ ID NO: 41)				Thr		145
Rec1-03		Val Glu Tyr				Arg Thr Ala Lys Val Ser (SEO ID-NO. 44)		57
Rec1-04		Val Thr Trp				Glackys Val Glu Pro Ser (SEQ ID NO. 45)		61
Rec1-05		Val Leu Gly			\	His		145
Rec1-06		Val Gln Gly				Thr Gly Val Tyr Pro Ser (SEO ID NO. 46)		170
Rec1-07		Cys Met Gly				Gln Gly Pro Trp Ala Ser (SEO ID NO. 47)		380
Rec1-09*		Ile Glu Gly				Ile Gly Asp Tyr Ser Lys (SEO ID NO. 48)		251
Rec1-10		Val Asp Trp	N.			Thr Gly Asn Gln Ala Thr (SEO ID NO. 49)		93
Rec1-11*		Val Ser Gly				Ser Asn Gly Glu His Ser (SEO ID NO. 50)		54
Rec1-12	`.	-Leu Ala Ser Gly Tyr (SEQ ID NO: 42)				Ser Gly His Glu Pro Thr (SEO ID NO. 51)		139
Rec1-14		Val Pro Tyr			:	Asp Ser Lys Glu Thr Ser (SEQ ID NO. 52)		304
Rec1-15*		Val Arg Ser Gly Pro Trp (SEQ ID NO: 43)				Thr Ala Arg Trp Ala Asn (SEQ ID NO. 53)		72

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\	Thr Ala Ash Glu	History	(SEQ ID NO. 54)
	Val Met Gly		
	Rec1-16		

*kcats from phages produced at 23°C (PenG) ND: not done; *clones containing an additional meration (Arg₂₇₅ ^L).

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Pre Por

Table 8: Clones selected on psa 10.1

Clones	II	Inserted Sequences	Kcat-psa66/+psa66 (S ⁻¹)
			- 1
			S = PenG
	Val ₁₀₃ Glu Tyr	Thr ₂₇₁ Met	
			[psa10] = 3.3 1 M
	Library ^a		1871779
	Val Glu Tyr	His Pro Gln Asn Asp Asp Met (SEQ ID NO: 58)	ND
	Val Glu Tyr	His Pro Gln Asn Asp Asp Met (SEQ ID NO: 60)	ND
	Val Glu Tyr	His Pro Gln Asn Asp Asp Met (SEQ ID NO: 61)	ND
	Val Glu Tyr	His Pro Gln Gly Asp Asn Met (SEQ ID NO: 62) His Pro Ghn Gly Asp Ser Met (SEQ 1D NO: 63)	QN
	Val Glu Tyr	His Pro Gln Asn Asp Asp Met (SEQ ID NO: 64)	ND
			$[psa10] = 3.3 \ 10^7 M$
	Library		52/52
	Val Arg Tyr	Ser Asp Gly His Arg Leu Met (Arg ₂₇₅ → Leu) (SEQ ID NO: 65)	ND
	Val Lys Ser Gly Val Ala (SEQ ID NO: 55)	Ser Asp Gly His Arg Leu Met (Arg ₂₇₅ → Leu) (SEQ ID NO: 66)	ND
	Val Lys Ser Gly Asn Thr Trp (SEQ ID NO: 56)	Ser Asp Gly His Arg Leu Met (Arg ₂₇₅ → Leu) (SEQ ID NO: 67)	ND
	Val Asp Arg Thr Lys Gly Trp (SEQ ID NO: 57)	Ser Asp Gly His Arg Leu Met (Arg ₂₇₅ → Leu) (SEQ ID NO: 68)	ND
	Val Thr Gly Pro Asn Gly His (SEQ ID NO: 58)	Ser Asp Gly His Arg Leu Met (Arg ₂₇₅ →Leu) (SEQ ID NO: 69)	ND

30 000 *lib3j and b rec*b phages from the third round of selection; *kcats from phages produced at 23°C

Table 9: Clones Selected on psa66.

Julia

Thr Pro Gly Ser ND	Clones	Inserted Sequence	edneuce		Kcat-psa66	Kcat-psa66/+psa66(s-1)*; %age inhibition	nibition	
Val Lubrary Thr., Met Ipsa66] = 3.3 10 Th Ipsa66] = 3.3 10				S=PenG	S=PADAC		S=Center	
Pass66 =3.3 10°M Pass66 =3.3 10°M Pass66 =3.3 10°M	FdBla	Val ₁₀₃ Glu Tyr	Thr ₂₇₁ Met					
Library				$[psa66] = 3.3 \cdot 10^{-7}M$	$[psa66] = 3.3 \cdot 10^{-7}M$			
6 Val Glu Tyr Led Gn Met (Arg.n->Leu Gn Met (Arg.n-)-Leu) (SEQ ID NO: 74) (SEQ ID NO: 75)	P66Aj3	Library*		444/425; 04%	QN			
Leu Gin Met	P66Aj306	Val Glu Tyr	Thr Pro Gly Ser	QN	67.9/65.8; 03%	X		
(Arg.rs, → Leu)		,	Leu Gln Met			1		
Val Glu Tyr Ser Abt His Gln ND 42.4424; 00% Val Glu Tyr Ser Abt His Gln ND 42.4424; 00% Val Glu Tyr Thr Pot Gly Ser ND ND Val Glu Tyr Thr Pot Gly Ser ND ND Val Glu Tyr Thr Pot Gly Ser ND ND Val Glu Tyr Thr Pot Gly Ser ND ND Val Glu Tyr Thr Pot Gly Ser ND ND Val Glu Tyr Thr Pot Gly Ser ND ND Val Glu Tyr Thr Pot Gly Ser ND ND Val Glu Tyr Thr Pot Gly Ser ND ND Val Glu Tyr Thr Pot Gly Ser ND 12.26.7 : 45% Val Clu Tyr Thr Pot Gly Ser Ab5/326:20% 23.8/14.2;41% ND Val Thr Gly Asp Gly Ser Arg Ile 182/134:26% 25.1/13/6;46% 20.57.8; 62% 14.77.2;51% Clin Met Gln Met CREQ ID NO: 75) Ab5/326:20% 25.1/13/6;46% ND ND Val Lys Gly Gly Thr Leu ND ND			(Arg ₂₇₅ →Leu)			\		
Val Glu Tyr Ser Ala His Gln ND 42.442/4; 60% App Tyr Ille App Tyr Ille App Tyr Ille (SEQ ID NO: 71) ND ND Val Glu Tyr Leu Glu Met ND Val Glu Tyr Leu Glu Met ND Val Glu Tyr Thr Pro Gly Ser ND Library² (SEQ ID NO: 74) Ipsa66]=3.3 10²M Library² Asp Gly Ser Arg Ille 182/134.26% 23.1/13/6;46% 20.57.8;62% Val Thr Gly Asp Gly Ser Arg Ille 182/134.26% 23.1/13/6;46% 20.57.8;62% 14.777.2;51% Clon Met (Arg.n²→ Jeu) ND 28.2/26.506% ND ND Val Lys Gly Gly Thr Leu ND ND ND			(SEQ ID NO: 70)		` ',			
Asp Tyr lile	P66Aj307	Val Glu Tyr	Ser Ala His Gln	QN	42.4/42/4; 00%			
Val Glu Tyr Thr Pro Gly Ser ND ND Val Glu Tyr Thr Pro Gly Ser ND ND Val Glu Tyr Thr Pro Gly Ser ND ND Val Glu Tyr Thr Pro Gly Ser ND ND Val Glu Tyr Thr Pro Gly Ser ND ND Val Glu Tyr Thr Pro Gly Ser ND ND Val Glu Tyr Thr Pro Gly Ser ND ND Val Glu Tyr Thr Pro Gly Ser ND ND Leb Gln Met (Arg.rs→Leu) ND 12.26.7 : 45% SEQ ID NO: 74) (Arg.rs→Leu) 12.21/37.8 : 62% 14.77.2 : 51% Val Thr Gly Asp Gly Ser Arg Ille 182/134:26% 25.1/13/6 : 46% 20.5/7.8 : 62% 14.77.2 : 51% Val Lys Gly Gly Thr Leu ND ND ND ND ND			Asp Tyr Ile		*			
Val Glu Tyr Thr Pro Gly Ser ND ND Leu Glu Met (Arg.is→Leu) (SEQ ID NO: 72) ND Val Glu Tyr Thr Pro Gly Ser ND ND Val Glu Tyr Thr Pro Gly Ser ND ND Val Glu Tyr Thr Pro Gly Ser ND ND Val Glu Tyr Thr Pro Gly Ser ND ND Val Glu Tyr Thr Pro Gly Ser ND ND Leu Gln Met (Arg.is→Leu) (SEQ ID NO: 73) ND Library* Asp Gly Ser Arg lle 182/134.26% 23.8/14.2;41% ND Library* Asp Gly Ser Arg lle 182/134.26% 25.1/13/6;46% 20.5/7.8;62% 14.7/7.2;51% Can Met (Arg.is→Leu) (SEQ ID NO: 74) 23.8/14.2;41% ND 12.2/6.7;45% Ava Lyr Gln Met (Arg.is→Leu) (SEQ ID NO: 75) 14.7/7.2;51% 14.7/7.2;51% Ava Lyr Arg.is→Leu) (SEQ ID NO: 75) 14.7/7.2;60% 14.7/7.2;51%			(Arg ₂₇₅ →Leu)					
Val Glu Tyr Thr Pro Gly Ser (Arg.rs) Leu (Arg.rs) Leu (SEQ ID NO: 72) ND ND Val Glu Tyr Thr Pro Gly Ser (Arg.rs) Leu (Arg.rs) Leu (Arg.rs			(SEQ ID NO: 71)					
Val Glu Tyr Leu Gln Met (Arg.15 → Leu) ND ND Val Glu Tyr Thr Pro Gly Ser ND ND Leu Gln Met (Arg.15 → Leu) ND ND (SEQ ID NO: 73) Thr Pro Gly Ser ND ND Leu Gln Met (Arg.15 → Leu) ND ND (Arg.15 → Leu) (Arg.15 → Leu) ND ND (SEQ ID NO: 74) [psa66]=3.3 10.7M [psa66]=3.3 10.7M [psa66]=3.3 10.7M Library* Asp Gly Ser Arg Ile 182/134.26% 23.8/14.2;41% ND Val Thr Gly Asp Gly Ser Arg Ile 182/134.26% 25.1/13/6;46% 20.5/7.8;62% 14.7/7.2;51% (Arg.15 → Leu) (SEQ ID NO: 75) ND ND ND ND	P66Aj308	Val Glu Tyr	Thr Pro Gly Ser	QN	QN			
Val Glu Tyr Thr Pro Gly Ser (Arg.s; → Leu) ND ND Val Glu Tyr Thr Pro Gly Ser (Arg.s; → Leu) ND ND (SEQ ID NO.73) ND ND ND Val Glu Tyr Thr Pro Gly Ser (Arg.s; → Leu) ND ND (SEQ ID NO.74) (SEQ ID NO.74) (Psa66]=3.3 10°M (Psa66]=3.3 10°M Library* Asp Gly Ser Arg Ile 182/134,26% 25.1/13/6;46% 20.5/7.8;62% 14.7/7.2;51% Val Thr Gly Asp Gly Ser Arg Ile 182/134,26% 25.1/13/6;46% 20.5/7.8;62% 14.7/7.2;51% Val Lys Gly Gly Thr Leu ND ND ND ND ND			Leu Gln Met					
Val Glu Tyr Thr Pro Gly Ser ND ND Leu Gln Met (SEQ ID NO:73) ND ND Val Glu Tyr Thr Pro Gly Ser Leu Gln Met (Arg.rs, →Leu) ND ND Val Glu Tyr Thr Pro Gly Ser Arg Ile (Arg.rs, →Leu) ND Issa66]=3.3 10.7M (Ipsa66]=3.3 10.7M (Ipsa66]=3.3 10.7M (Ipsa66]=1.7 10.4M (Ipsa66]=3.3 10.7M (Ipsa66)=3.3 10.7M (Ipsa66			(Arg ₂₇₅ →Leu)					
Val Glu Tyr Thr Pro Gly Ser ND ND Leu Gln Met (Arg.n ₃ →Leu) (SEQ ID NO: 73) ND ND Val Glu Tyr Thr Pro Gly Ser ND ND Robert Section No: 74) Robert Section No: 74			(SEQ ID NO: 72)					
Leu Gln Met (Arg ₂₇₃ →Leu) (SEQ ID NO:73) ND ND Val Glu Tyr Thr Pro Gly Ser ND ND (Arg ₂₇₃ →Leu) (SEQ ID NO: 74) [psa66]=3.3 10 ³ M [psa66]=3.3 10 ³ M Library ^b 405/326;20% 23.8/14.2;41% ND 12.2/6.7;45% Val Thr Gly Asp Gly Ser Arg Ile 182/134;26% 25.1/13/6;46% 20.5/7.8;62% 14.7/7.2;51% Val Lys Gly Gly Thr Leu ND ND ND	P66Aj309	Val Glu Tyr	Thr Pro Gly Ser	ND	ND			
Val Glu Tyr Thr Pro Gly Ser ND ND Val Glu Tyr Thr Pro Gly Ser ND ND Leu Gin Met (Arg.x, → Leu) (SEQ ID NO; 74) (Psa66]=3.3 10 ⁷ M [psa66]=1.7 10 ⁶ M [psa66]=1.7 10 ⁶ M Library ^b Asp Gly Ser Arg Ile 182/134;26% 25.1/13/6;46% 20.5/7.8;62% 14.7/7.2;51% Val Thr Gly Asp Gly Ser Arg Ile 182/134;26% 25.1/13/6;46% 20.5/7.8;62% 14.7/7.2;51% Cli Met (Arg.x, → Leu) (SEQ ID NO; 75) ND ND ND		-	Leu Gln Met					
Val Glu Tyr Thr Pro Gly Ser ND ND Leu Gln Met (Arg.rs. → Leu) (SEQ ID NO: 74) (psa66]=3.3 10 ⁷ M [psa66]=3.3 10 ⁷ M [psa66]=3.2 10 ⁷ M [psa66]=3.3 10 ⁷ M [psa66]=3.2 10 ⁷ M [psa66]=3.3 10 ⁷ M [psa66]=3.2 10 ⁷ M [psa66]=3.3 10 ⁷ M [psa66]=3.3 10 ⁷ M [psa66]=3.2 10 ⁷ M [psa66]=3.3 10 ⁷ M [psa66]=3.2 10 ⁷ M [psa66]=3.3 10 ⁷ M [psa66]=3.3 10 ⁷ M [psa66]=3.3 10 ⁷ M [psa66]=3.3 10 ⁷ M [psa66]=3.2 10 ⁷ M [psa66]=3.3 10 ⁷ M [psa66]=3.			(Arg ₂₇₅ → Leu)					
Leu Gin Met (Arg.73 → Leu) (SEQ ID NO: 74) (SEQ ID NO: 75) (SEQ ID NO: 75) (SEQ ID NO: 75) (Arg.73 → Leu) (SEQ ID NO: 75) (SE	P66Ai310	Val Glu Tvr	Thr Pro Glv Ser	CN	CN			
(Arg ₂₇₅ →Leu) (SEQ ID NO: 74) [psa66]=3.3 10 ⁷ M [psa66]=1.7 10 ⁴ M [psa66]=3.3 10 ⁷ M Library ^b 405/326;20% 23.8/14.2;41% ND 12.2/6.7;45% Val Thr Gly Asp Gly Ser Arg Ile Gln Met (Arg ₂₇₅ →Leu) 182/134;26% 25.1/13/6;46% 20.5/7.8;62% 14.7/7.2;51% Val Lys Gly Gly Thr Leu ND ND ND			Len Gln Mer		l 			
SEQ ID NO: 74)			(Arg ₂₇₅ →Leu)					
Library Asp Gly Ser Arg Ile (Arg ₂₇₅ + Le Or II) Asp Gly Ser Arg Ile (Arg ₂₇₅ + Le Or II) Asp Gly Ser Arg Ile (Arg ₂₇₅ + Le Or II) Asp Gly Ser Arg Ile (Arg ₂₇₅ + Le Or III) Asp Gly			(SEQ ID NO: 74)					
Library ^h Val Thr Gly Asp Gly Ser Arg Ile (Arg ₂₁₈ + 182/134;26% Val Lys Gly Gly Thr Leu Asp Gly Ser Arg Ile (Arg ₂₁₈ + 182/134;26% (Ar				$[psa66]=3.3 \cdot 10^{-7}M$	$[psa66] = 3.3 \cdot 10^{-7}M$	$[psa66] = 1.7 \cdot 10^{-6}M$	$[psa66] = 3.3 \ 10^{-7}M$	$[psa66] = 1.7 \cdot 10^{-6}M$
Val Thr Gly Asp Gly Ser Arg Ile Gln Met 182/134;26% 25.1/13/6;46% 20.5/7.8;62% 14.7/7.2;51% (Arg ₂₁₅ →Leu) (SEQ ID NO: 75) ND ND Val Lys Gly Gly Thr Leu ND ND	P66RB3	Library		405/326;20%	23.8/14.2;41%	ND	12.2/6.7 ; 45%	ND
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	P66BB316	Val Thr Gly	Asp Gly Ser Arg Ile	182/134:26%	25.1/13/6:46%	20.5/7.8:62%	14.7/7.2 :51%	15.4/4.1:73%
(Arg,75 → Leu) (SEQ ID NO: 75) ND 28.2/26.5;06% ND ND	`\	•	Gin Met					
Val Lys Gly Gly Thr Leu ND 28.2/26.5;06% ND ND			(Arg ₂₇₅ →Leu) (SEQ ID NO: 75)					
	P66RB317	Val Lys Gly Gly	Thr Leu	ND	28.2/26.5;06%	ND	ND	ND

Val Lys Gly Gly His Gly Ala (SEQ ID NO.)

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				4												
	13.3/3.5 ;74%		ND		ND	QN	33.2/54.71 -62%	ND	ND							
\	13.8/5.8;58%		ND		ND	ND	QN	ND	ND	QN	QN	ND	ND	33.5/46.2;-32%	QN	QN
	ND		ND		QN	QN	ND	ND	ND	QN	QN	ND	ND	ND	QN	ND
	28.6/11.9;58%		47.4/32.6;31%		17.2/09.3;46%	27.2/23:8;13%	19.0/13.2;31%	22.4/15/2;32%	21.6/14.9;31%	19.6/19.2;02%	20.5/19.6;04%	29.2/15.8;46%	26.3/14.3;46%	647/444 ;31%	25.7/14.1 ;45%	25.2/23.5 ;09%
	ND		ND		ND	ND	QN	ND	ND QN	AST.	ND	ND	ND	6015/4273;29%	ND	ND
	Asp Gly Ser Arg Ile Gln Met	(Arg ₂₇₅ →Leu) (SEQ ID NO: 76)	Asp Gly Ser Arg Ile Gln Met	(Arg ₂₇₅ → Leu) (SEQ ID NO: 77)	ND	ND	ND	ND	QN	QN	ND	QN	MD	ND	ND	ND
	Val Val Gly		Val Gln Gly		ND	ND	ND	ND	ND	QN	ND	ND	ND	ND	ND	ND
	P66RB318		P66RB319		P66RB321	P66RB322	P66RB323	P66RB324	P66RB325	P66RB326	P66RB327	P66RB328	P66RB329	P66RB330	P66RB331	P66RB332

lib3j and rec4b phages from the third round of selection Keats from phages produced at 23°C--.

st per